



Docket No.: 17380/1206

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#26

Letter
Duplicate
copy of Pet.
& Exhibits
see P.N. 24, 25

Applicants : Ramanujan et al.
Application No. : 08/047,164
Filing Date : April 12, 1993
Title : HIGH SPEED BUS SYSTEM

Address to:

Assistant Commissioner
for Patents
Washington, D.C. 20231

Attention: Mr. Howard Williams
Office of Petitions

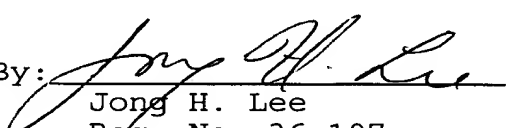
Sir:

Per our telephone conversation of September 12,
1997, please find enclosed a copy of the Petition and
Exhibits filed on June 26, 1997.

Respectfully submitted,
KENYON & KENYON

Date: September 12, 1997

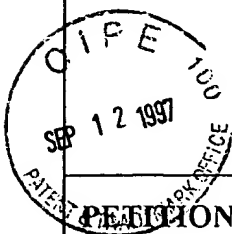
By:


Jong H. Lee
Reg. No. 36,197

One Broadway
New York, New York 10004
Telephone: (212) 425-7200
Facsimile: (212) 425-5288

143010-1

EXPRESS MAIL NO.: EM271928859US



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

PETITION FOR REVIVAL OF AN
APPLICATION FOR PATENT ABANDONED
UNINTENTIONALLY UNDER 37 C.F.R. 1.137(b)

Docket Number:
17380/1206 (PD90-0282)

Application Number
08/047,164

Filing Date
April 12, 1993

Examiner
G. Ray

Art Unit
2305

Invention Title
HIGH SPEED BUS SYSTEM

Inventor(s)
RAMANUJAN et al.

Address to:

Assistant Commissioner for Patents
Washington D.C. 20231
Box 24C

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

Date: June 26, 1997

Signature:

Jong-H. Lee

FEE CODE REG. NO. 17380/1206	
DEPOSIT ACCOUNT NO.	
11	0600
FEE CODE	VALUE FURNISHED
141	1290-
148	110-

SIR:

The above-identified application became unintentionally abandoned for failure to respond to an Advisory action dated December 22, 1994.

The abandonment date of this application is February 1, 1995.

The applicants hereby petition to revive the above-identified application for the purpose of establishing continuity in order to effect the filing of a continuing application.

1. The Petition fee of \$1,290.00 is authorized to be charged to Kenyon & Kenyon's Deposit Account No. 11-0600. This Petition is being filed in duplicate.

2. This petition is accompanied by the following:

Digital Equipment Corporation
111 Powdermill Road
Maynard, Massachusetts 01754-1499
508.493.5111

RECEIVED
SEP 10 8 36 AM '94

digital

VIA FACSIMILE - ORIGINAL MAILED
(212) 425-5288

September 7, 1994

Kenyon & Kenyon
Attorneys at Law
One Broadway
New York, N.Y. 10004

Attention: Joan E. Federici

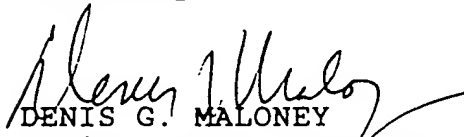
Subject: Digital Ref.: PD90-0282 CONT1
U.S.S.N. 08/047,164
Your Ref.: 17380/1206

Dear Joan,

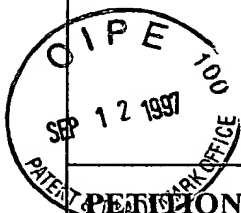
Regarding our letter of July 28, 1994 which is in response to your letter of July 15, 1994, addressed to Denis G. Maloney, Digital has elected to handle this matter directly. Therefore, all correspondence in connection with the above-mentioned case should be forwarded directly to Digital at the above address. Digital will file a change of correspondence address form in the U.S.P.T.O.

If you have any questions, please do not hesitate to contact me at (508) 493-9233.

Sincerely,


DENIS G. MALONEY
Senior Patent Attorney

DS:mrh



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**PETITION FOR REVIVAL OF AN
APPLICATION FOR PATENT ABANDONED
UNINTENTIONALLY UNDER 37 C.F.R. 1.137(b)**

Docket Number:
17380/1206 (PD90-0282)

Application Number
08/047,164

Filing Date
April 12, 1993

Examiner
G. Ray

Art Unit
2305

Invention Title
HIGH SPEED BUS SYSTEM

Inventor(s)
RAMANUJAN et al.

Address to:

Assistant Commissioner for Patents
Washington D.C. 20231
Box DAC

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: June 26, 1997

Reg. No. 36,197

Signature:

Jong H. Lee
Jong H. Lee

SIR:

The above-identified application became unintentionally abandoned for failure to respond to an Advisory action dated December 22, 1994.

The abandonment date of this application is February 1, 1995.

The applicants hereby petition to revive the above-identified application for the purpose of establishing continuity in order to effect the filing of a continuing application.

1. The Petition fee of \$1,290.00 is authorized to be charged to Kenyon & Kenyon's Deposit Account No. 11-0600. This Petition is being filed in duplicate.

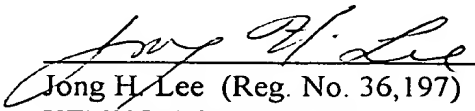
2. This petition is accompanied by the following:

- a. Petition under 37 C.F.R. § 1.183 to waive the one-year time period for filing a petition to revive, and authorization to charge the \$130 fee under 37 C.F.R. § 1.17(h) to Deposit Account No. 11-0600.
- b. A Terminal Disclaimer;
- c. 37 C.F.R. 3.73(b) Certificate and copies of the recorded assignments; and
- d. A Request for filing a Rule 62 File-Wrapper-Continuation Application and a request to enter the Amendment under 37 C.F.R. § 1.116 filed on November 30, 1994, but unentered, in the parent application, Serial No. 08/047,164. The Request for filing a Rule 62 File-Wrapper-Continuation Application is contingent upon revival of the above-identified abandoned application.

3. Verified Statement - The delay in prosecution which caused the abandonment of this application was unintentional.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Dated: June 26, 1997

By: 
Jong H. Lee (Reg. No. 36,197)
KENYON & KENYON
One Broadway
New York, N.Y. 10004
(212) 425-7200 (telephone)
(212) 425-5288 (facsimile)

PATENT
Docket No. 17380/1206

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CLASS 2600

Inventor : RAMANUJAN et al.
Serial No. : 08/047,164
Filing Date : April 12, 1993
For : HIGH SPEED BUS SYSTEM

Assistant Commissioner for Patents
Box DAC

Washington D.C. 20231



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: June 26, 1997

Reg. No. 36,197

Signature: _____

Jong H. Lee

TERMINAL DISCLAIMER UNDER 37 C.F.R. §1.321(b)

Sir:

A Petition under 37 C.F.R. §1.137(b) to revive the above-identified application which was unintentionally abandoned and a Petition under 37 C.F.R. §1.183 to waive the one year time period requirement in 37 C.F.R. §1.137(b) are being filed herewith. In connection with these Petitions, Digital Equipment Corporation, the owner of entire interest in the above-identified application, hereby disclaims a terminal part of the term of any patent granted on the above-identified application equivalent to the period of abandonment of the above-identified application. This terminal disclaimer applies to any patent granted on the above-identified application or on any application which is entitled to the benefit of the filing date of this application under 35 U.S.C. 120. This disclaimer is binding upon the grantee of the patent, its successors or assigns.

The Office is authorized to charge the \$1.20(d) petition fee of \$110.00, and any other fees associated with this petition, to the deposit account of Kenyon & Kenyon, deposit account no. 11-0600.

The Office is authorized to charge any underpayment, or credit any overpayment, to the deposit account of Kenyon & Kenyon, deposit account no. 11-0600.

Respectfully submitted,

KENYON & KENYON
Attorneys for Digital
Equipment Corporation

Dated: June 26, 1997

By:


Jong H. Lee

Kenyon & Kenyon
1 Broadway
New York, NY 10004
(212) 425-7200

118694

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ramanujan et al.
Application No. : 08/047,164
Filing Date : April 12, 1993
Title : HIGH SPEED BUS SYSTEM



Address to:

Assistant Commissioner
for Patents
Box DAC
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: June 26, 1997

Reg. No. 36,197

Signature: _____

Jong H. Lee

PETITION UNDER 37 C.F.R. 1.183 TO WAIVE ONE YEAR TIME
PERIOD REQUIREMENT IN 37 C.F.R. 1.137(b)

Sir:

We, Kenyon & Kenyon, are attorneys of record for Digital Equipment Corporation ("Digital"), the assignee of entire interest in the above-identified application .

We are filing herewith a Petition Under 37 C.F.R. 1.137(b) in order to revive the above-identified application which has been unintentionally abandoned. A Terminal Disclaimer for the period of abandonment is also being filed herewith.

In the interest of justice and equity, we hereby petition to waive the one year time period requirement in 37 C.F.R. § 1.137(b) for filing a petition to revive an unintentionally abandoned application, for the reasons stated below.

In the above-identified application, a final Office Action dated June 30, 1994 was received by Kenyon & Kenyon in July of 1994. At this time, Kenyon & Kenyon was responsible for prosecuting the above-identified application. In order to keep Digital informed, Kenyon & Kenyon promptly reported this Office Action to Digital.

In a letter dated September 7, 1994, Denis G. Maloney, an in-house patent attorney at Digital, informed Kenyon & Kenyon that Digital would directly handle the prosecution of the above-identified application, and that Digital would file a change of address form in the PTO. (See the copy of the letter, attached as Exhibit A).

In response to Mr. Maloney's letter of September 7, 1994, Kenyon & Kenyon marked "Client Will Handle" on the file for the above-identified application and closed the file. (See the copy of the file cover, attached as Exhibit B).

Mr. Maloney of Digital filed a response to the June 30, 1997 Office Action on November 30, 1994, along with a request for a 2-month extension of time to reply to the Office Action. (See the copy of the response and the request for extension of time, attached as Exhibit C). The response and the request for extension of time both listed Digital Equipment Corporation's address as the mailing address. However, Digital did not file an explicit notice of a change of address at this time or at any time thereafter.

It is believed that Digital failed to file an

explicit notice of change of address due to an erroneous belief that mere listing of a new correspondence address in a communication to the PTO was sufficient.

Subsequently, the PTO issued an Advisory Action dated December 22, 1994, which was sent to Kenyon & Kenyon. Because the file had been marked "Client Will Handle" and Kenyon & Kenyon was no longer responsible for prosecuting the above-identified application, Kenyon & Kenyon personnel responsible for docket management did not forward the Advisory Action to a Kenyon & Kenyon attorney, and the Advisory Action was not forwarded to Digital.

On February 1, 1995, the PTO issued a Notice of Abandonment for the above-identified application in view of Applicants' failure to respond to the Advisory Action dated December 22, 1994. Once again, because the file had been marked "Client Will Handle" and Kenyon & Kenyon was no longer responsible for prosecuting the above-identified application, Kenyon & Kenyon personnel responsible for docket management did not forward the Notice of Abandonment to a Kenyon & Kenyon attorney, and the Notice of Abandonment was not forwarded to Digital.

Because Digital never received Advisory Action dated December 22, 1994, and the Notice of Abandonment dated February 1, 1995, Digital took no affirmative action on the above-identified application.

On or around May 13, 1997, Joan Federici, a paralegal at Kenyon & Kenyon, discussed the status of the above-identified application with Joyce Lange of Digital.

At this time, Digital became aware that the above-identified application had been abandoned. (See letter from Joyce Lange to Joan Federici, attached as Exhibit D).

In view of the above-recited course of events, it is respectfully requested that the one-year time period requirement in 37 C.F.R. § 1.137(b) be waived.

The Commissioner is hereby authorized to charge the \$130.00 fee under 37 C.F.R. § 1.17(h) for filing a petition to suspend the rules under 37 C.F.R. § 1.183 to Deposit Account No. 11-0600. The Commissioner is also hereby authorized to charge any additional fees or credit any overpayment in connection with this Petition to Deposit Account No. 11-0600.

Respectfully submitted,

KENYON & KENYON

Date: June 26, 1997

By: 

Jong H. Lee
Reg. No. 36,197

One Broadway
New York, New York 10004
Telephone: (212) 425-7200
Facsimile: (212) 425-5288

119052-1

NEW YORK, N.Y. 10004

Client # 17380 Matter # 1206 Case # PD 90-0284 Attorney(s) PTT, LEXAM
Client DIGITAL EQUIPMENT CORPORATION
Inventor(s)/Applicant(s) RAMANUJAN, RAJ; SAMARAS, WILLIAM A;
DEROSA, JOHN; KELLER, JAMES B.; STEWART, ROBERT E.
Title of Invention HIGH SPEED BUS SYSTEM

SERIAL NO. 08/047,164 FILED 4/12/93 GROUP 2308
 FWC 1.62
 CON-SIP BY of Serial No. 546, 547 Filed 6/29/90
 Based on Claim of Priority
 Foreign Appln. _____ Filed _____
 US National Phase of PCT _____ Filed _____
 Small Entity Filed _____ Information Disclosure Filed 12/23/91
 Assignee DIGITAL EQUIPMENT CORPORATION
 Recorded 6/29/90 Reel 5448 Frame 139-165
 Notice of Issue
 Allowance _____ Fee Due _____ Fee Paid _____
 PATENT NO. _____ ISSUED _____ EXPIRES _____

Date of Off Actions	Description	Response Due	Response Filed	Atty
JUNE 1 93	FILING RECEIPT REC'D			
7/2/93	3 mth. Amendment	10/4/93	10/4/93	FLD
12/8/93	3 mth. Amendment Req. for Ext. of Time	3/8/94	4/15/94	CSK
6/30/94	Rule 116 Amendment Due	8/30/94		CSK
6/30/94	3 Mo. Notice of Appeal	9/30/94		
12-22-94	Advisory Action			
Client Will Handle				

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Raj Ramanujan, et al.

Serial No.: 08/047,164

Group Art Unit: 2305

Filed: April 12, 1993

Examiner: Ray, G.

Title: High Speed Bus System

I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

November 30, 1994

Date of mailing

J. R. Ramanujan

Signature

* * *

PETITION FOR EXTENSION OF TIME

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Applicant hereby petitions for a two-month extension of time to respond to the outstanding Office Action, dated June 30, 1994. The new period for response will expire November 30, 1994.

The Commissioner is hereby authorized to charge the extension fee for this Petition to the Digital Equipment Corporation Deposit Account No.: 04-1079 in the amount of \$360.00. A duplicate copy of this sheet is enclosed.

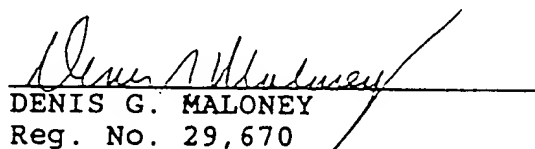
In the event the requested extension of time is insufficient, consider this as a Petition for an extension for the required period and charge the fee required to Digital Equipment Corporation Deposit Account No.: 04-1079.

A response to the outstanding Office Action is being filed herewith.

Respectfully submitted,

DIGITAL EQUIPMENT CORPORATION

By:


 DENIS G. MALONEY
 Reg. No. 29,670
 Attorney for Assignee

Date: November 30, 1994

Digital Equipment Corporation
 111 Powdermill Road, MS02-3/G3
 Maynard, Massachusetts 01754-1499
 (508) 493-9233

DGM:ds

Serial No. 08/047,164 Express Label No. _____
File Date April 12, 1993

Commissioner of Patents & Trademarks
Washington, D.C. 20231

Docket No. PD90-0282

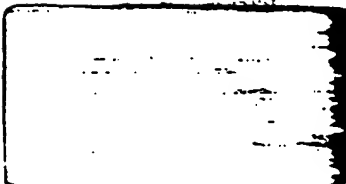
Please acknowledge receipt of the following
by date stamping this card and returning it
to the addressee.

Patent Application of:
Raj Ramanujan, et al.

Title:
High Speed Bus System

Specification _____	Assignment _____
No. of Claims _____	Recording Fee _____
No. of Drawings _____	Authorization to _____
Declaration _____	Charge Dep. Acct _____
Filing Fee _____	Priority Document _____
Info. Disc. Stm. _____	Prelim. Amend _____
Pet. for Ext. of Time <u>X</u>	Req. for Reconsideration <u>X</u>

11/30/94---jmc



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Raj Ramanujan, et al

Serial No.: 08/047,164

Group Art Unit: 2305

Filed: April 12, 1993

Examiner: G. Ray

Title: High Speed Bus System

I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

November 30, 1994

Date of mailing

James M. O'Brien

Signature

* * *

Request for Reconsideration Pursuant to 37 C.F.R. § 1.116(a)

Hon. Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

In response to the Final Office Action dated June 30, 1994, applicant respectfully requests reconsideration in accordance with the provisions of 37 C.F.R. §1.116(a) as follows.

AMENDMENT

In the Claims:

1. (Five times Amended) A bus system, comprising:

(a) a plurality of bus elements, with each of the plurality of bus elements [selectively] making [a request] requests for access to at least one other bus element;

(b) a central unit having a plurality of bus inputs and a plurality of bus outputs, with the central unit selectively coupling at least one of the inputs to at least one of the outputs, the central unit providing for an arbitrated, point-to-point coupling of a particular one of the plurality of bus elements with the at least one other bus element;

(c) a first plurality of unidirectional point-to-point buses for coupling in a first direction the bus elements to the central unit bus inputs;

(d) a second plurality of unidirectional point-to-point buses for coupling in a second direction each output of the central unit to a respective bus element; and

(e) arbitration logic connected to the plurality of bus inputs of the central unit to which the first plural-

ity of unidirectional point-to-point buses connect, the arbitration logic for granting each of the bus elements access to the at least one other bus element through the central unit one at a time based upon the requests from the bus elements.

REMARKS

Reconsidered and reexamination are respectfully requested in the identified patent application.

The Examiner rejected claims 1-29 under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter of Applicant's invention.

Applicants have amended independent claim 1 to recite "a plurality of bus elements, with each of the plurality making a request for access to at least one other bus element". Thus, applicants have deleted "selectively". Applicants maintain that as amended, claim 1, and dependant claims 2-29 now particularly point out and distinctly claim the subject matter of their invention under 35 U.S.C. §112, second paragraph and thus the rejection has been overcome.

The Examiner rejected claims 1-19, 30-35 and 37-39 under 35 U.S.C. §103 as being unpatentable over Rodiger et al. in view of Culler.

Applicant's claims 1-19, 30-35 and 37-39 are patentably distinct over the cited references. Applicant's claim 1 as amended, recites ... a plurality of bus elements, with each of the plurality of bus elements making requests for access to at least one other bus element...

The Examiner states that the references "fails to expressly teach the limitation of one bus element making a request for access to at least one other bus element". Further, the Examiner's specific reasons why one skilled in the art would be motivated to apply the teachings of Rodiger and Culler does not address the basis of applicants' invention. The Examiner states that "it would be obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Rodiger to include processor to processor communication...because it is well within the skill of an ordinary person to realize that outputs from a bus can be coupled to a memory and to it's associated processor (Culler teaches that in Fig. 6, elements 544, 548)". Applicants submit that Culler describes a bus arbitration system in which if a processor unit is denied access to the

system bus, and if there is no current conflict in requesting the processor unit's associated local memory, then a request to access the associated local memory, rather than the system bus, is granted. Applicants claim 1 recites on the other hand that the buses are coupled to the central unit via uni-directional buses (see the specification page 6 and claim 1 sections c and d). Therefore, claim 1 requires a unidirectional point-to-point connection to the target bus, rather than through the associated memory as in Culler, and thus has improved access to a target element.

Thus, claim 1 which further recites ... a first plurality of unidirectional point-to-point buses for coupling in a first direction the bus elements to the central unit bus inputs ..., nor ... a second plurality of unidirectional point-to-point buses for coupling in a second direction each output of the central unit to a respective bus element... is neither described nor suggested by the combination of cited references.

The legal standard to be used when evaluating a claim under section 103 is to look at the teachings of the prior art as a whole for what they fairly teach, and neither the reference's general nor specific teachings may be ignored. The prior art must not only disclose each element of

the claim, but must also provide a suggestion or incentive to make the combination made by the inventor. Therefore, applicant's claim 1 is patentably distinct over the references since neither Rodiger nor Rodiger in combination with Culler describe or suggest the above mentioned claimed combination of unidirectional point-to-point buses coupled to a central unit.

Applicant's claims 2-19 are patentably distinct over the cited references for similar reasons as given above with reference to the independent claim upon which they are based.

Applicants maintain that claims 2-4 further limit claim 1 and are not simply a matter of design choice. Each of the three mentioned circuits, the state machine in claim 2, the OR gate in claim 3 and the multiplexer in claim 4, add further patentably distinct limitations to claim 1. For example, the state machine called for in claim 2 (see FIG.s 2 and 3, item 42) "stores the output for one cycle before providing it at it's output". (see specification page 9, Line 24-25). The OR gate called for in claim 3 (see FIG. 2, items 37 and 41) and the multiplexer called for in claim 4 (see FIG. 3, items 37 and 41) along with the logic element 50 provide alternative techniques to combine the point-to-

point signals (See page 5 lines 21-25 for the OR gate for example).

Similarly, applicants maintain that claims 5-19 provide patentably distinct features to Applicants claim 1 and are therefore also allowable over the cited references.

Applicant's claim 30 was rejected by the Examiner for the same reasons as claim 1. Claim 30 recites ... a plurality of first uni-directional point-to-point buses, with one bus coupling each of the central processing units to an input of the combining logic...a plurality of second uni-directional point-to-point buses coupling the output of the combining logic to the central processing units ... plus a ...plurality of central processing units... and ...a shared memory... plus a ...memory controller... Therefore, Applicants maintain that claim 30 is patentably distinct over the cited references for similar reasons to those given above with reference to claim 1.

Applicants maintain that claims 31-32 further limit claim 30 and are not simply a matter of design choice. Each of the mentioned circuits, the combining logic in claim 31 and the multiplexer in claim 32, add further patentably distinct limitations to claim 30. The combining logic called for in claim 31 and the multiplexer called for in claim 32 provide alternative techniques to combine the

point-to-point signals. Therefore the applicant's believe that the Examiner's rejection is improper and should be removed.

Applicants maintain that method claim 33 is patentably distinct over the cited references because claim 33 recites ...coupling each of the bus elements to a central unit with a separate first uni-directional bus... As explained above with reference to claim 1, the cited references do not describe nor suggest the claimed combination of features.

Applicants maintain that dependent claims 34 and 35 are allowable as further limitations on claim 33 above, since claim 34 recites ...a plurality of central processing units and a shared memory. Claim 35 recites the method of ...selecting between the inputs on the first buses...and the bus from the memory.

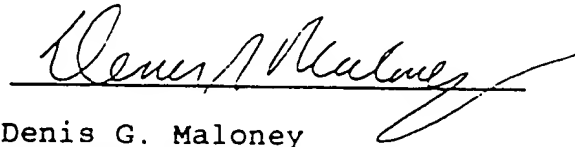
Applicants maintain that dependent claims 37-39 add further patentably distinct limitations to the claims above, and are therefore allowable. Claim 37 limits claim 2 by providing an alternative technique to combine the point-to-point signals, namely a latch. Claims 38 and 39 limits claim 5 and 1 in a similar fashion and are therefore add patentably distinct limitations.

Applicants note that the Examiner did not reject claims 20-29 over the prior art, and objected to claim 36 as being dependant on a rejected base claim.

Applicants submit that in view of the above amendment and remarks, that claims 1-35 and 37-39 are patentably distinct over the references.

Therefore, reconsideration and re-examination of this application is respectfully requested since the amendment places the application in condition for allowance or better form for appeal by materially reducing the issues on appeal.

Respectfully submitted,



Denis G. Maloney
Reg. No. 29,670
Attorney for Assignee

Date: November 30, 1994

Digital Equipment Corporation
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DGM/ds

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VIA FACSIMILE

May 13, 1997

digital

CONFIRMATION COPY

Joan E. Federici
Kenyon & Kenyon
One Broadway
New York, NY 10004

RE: U.S. Application Serial No. 08/047,164
Your Ref: 17380/1206
Our Ref: PD90-0282Cont I

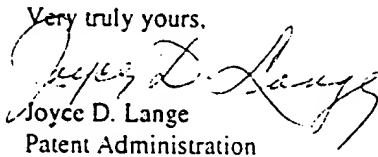
Dear Joan:

As a follow-up to our conversation today, this letter confirms that your firm will file a Petition to Revive for the above-referenced application. I have enclosed copies of the Response to the Final Office Action and a Petition for Extension of Time that were filed from our office.

Should your attorney have any questions, the responsible attorney to contact at Digital is Joanne Pappas. She can be reached by telephone at 508-493-6951.

If I can be of further assistance, please let me know.

Very truly yours,


Joyce D. Lange
Patent Administration



EXPRESS MAIL CERTIFICATE

"EXPRESS MAIL" MAILING LABEL NUMBER EM271928859 2300

DATE OF DEPOSIT 9/12/97

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